

DEPARTMENT OF THE ARMY
US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
ABERDEEN PROVING GROUND, MD 21010-5403

PEST MANAGEMENT BULLETIN

The *Pest Management Bulletin*, a quarterly publication of the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM) Entomological Sciences Program, is devoted to keeping installation pest management and preventive medicine personnel informed and up-to-date in the rapidly changing field of pest management.

IN THIS ISSUE

DoD PESTICIDE HOTLINE.....	2
US VECTOR-BORNE DISEASE REPORTS.....	2
AFPMB WEBPAGE.....	6
FORSCOM REG 700-2	6
TIM #42 NOW AVAILABLE.....	6
UPDATED DVEP SOON AVAILABLE	7
IT'S IN THE NEWS.....	7
EPA RECOGNIZES DOD'S PESTICIDE MANAGEMENT PROGRAM.....	9
BEREAVEMENT NOTICE - ROBERT PANAMBO	10
Aedes japonicus FOUND IN NEW YORK AND NEW JERSEY	10
UPCOMING EVENTS	10
UPDATED STOCKED PESTICIDE LIST.....	12
COURSES FOR DoD PEST MANAGEMENT PERSONNEL	12
DOD EQUIPMENT LIST	12
ON THE LIGHTER SIDE	12
DOD STOCK LISTED PESTICIDES.....	1
COURSES FOR DOD PEST MANAGEMENT PERSONNEL	1
DOD PEST MANAGEMENT MATERIEL, OTHER THAN PESTICIDES, LISTING.....	1

This Bulletin is designed to keep you informed. Therefore, your comments and suggestions are welcome. If you have a problem, a solution, or a personal observation about any aspect of pest management, please send it to us. Write to the following address: Commander, US Army Center for Health Promotion and Preventive Medicine, ATTN: MCHB-TS-OEN (*Pest Management Bulletin*), 5158 Blackhawk Road, Aberdeen Proving Ground, MD 21010-5403, or call us at DSN 584-3773 or commercial (410) 436-3773.

The contents of the Pest Management Bulletin and views expressed are at the discretion of the editor and staff of the Entomology Programs. They do not represent official views or policies of USACHPPM or the U.S. Army. Mention of a pesticide or a commercial product does not constitute an endorsement or recommendation of this product by the Entomology Program, USACHPPM, or the U.S. Army. Reproduction of this bulletin or use of any portion thereof, except by Federal agencies, is not allowed without specific written permission from USACHPPM.

DoD PESTICIDE HOTLINE



Obviously, you are aware that we publish the *Pest Management Bulletin*. However, are you aware of the other functions we provide that may be of use to you?

Electronic Mail (E-mail) Information Distribution. Current regulatory and pest management information is distributed to those who have Internet e-mail addresses.

World Wide Web (WWW) Home Page. A home page with pesticide and pest management information as well as links to other entomology related sites is available. The URL is <http://chppm-www.apgea.army.mil/ento>

Pesticide Product Information. Product labels are available for approximately 18,000 EPA registered pesticide products. Product usage data, chemistry, and other technical information are also available. Information is maintained on canceled or suspended pesticides and on restricted use pesticides.

Material Safety Data Sheets (MSDS). MSDS's are available for the more commonly used pesticide products within DoD. Those that are not currently on file will be obtained as requests are received.

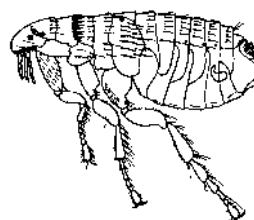
Fact Sheets. During the registration/re-registration process, EPA produces a Fact Sheet on the pesticide active ingredient. These Fact Sheets provide a brief synopsis of the information known about the material and document the existing data gaps which must be completed for the continued registration of the ingredient.

Pest Biology and Control Information. Information is available on the biology and control for vertebrate and invertebrate pests. Integrated Pest Management (IPM) techniques are emphasized.

If you would like additional information on any of our services, please call us at the DoD Pesticide Hotline, DSN 584-3773 or commercial (410) 436-3773. Or, you can e-mail Mr. Kenneth Olds at kenneth.olds@apg.amedd.army.mil

US VECTOR-BORNE DISEASE REPORTS

Plague



PLAGUE, HUMAN
- USA
(COLORADO)
According to Pro-Med, there have been two human cases of plague in

Colorado this year.

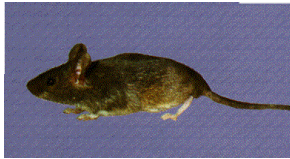
Like bubonic plague, this year's two cases of secondary pneumonic plague apparently came from infected animals. Humans catch the disease when bitten by the animals' fleas.

Unlike the more common bubonic plague, which strikes at a lymph node in the groin, secondary pneumonic plague spreads from the blood to the lungs.

Since 1957, health figures show, 45 people have contracted plague in Colorado, of whom 9 died. Before this year, the last Colorado death from plague was in 1996.

At least 85 percent of the state's plague cases have been the more common bubonic plague. Early symptoms include sudden onset of high fever and chills, severe headache, muscle aches, nausea and vomiting.

Hantavirus



HANTAVIRUS
PULMONARY
SYNDROME -
USA (WESTERN
STATES)

From: ProMED-mail

Idaho

A woman died of hantavirus pulmonary syndrome. She lived in a mobile home with her family (spouse and two older, teenaged (?), children) who are not symptomatic and appear healthy. The home is an older (>20years) mobile home that had "heavy" rodent infestation. It is located on a pasture-like site with harborage for rodents, grass, weeds, and scattered junk surrounding the home.

Arizona

Two cases of hantavirus pulmonary syndrome (HPS) have been reported in Arizona in 1999 (as of June 4); both in

northern Arizona and both with onsets in May. The first case involved a 45 year-old female from Apache County. Lab confirmation was made in New Mexico. At last report, she was still listed in critical condition.

The second case involved a 71 year-old male from Coconino County. He developed symptoms in late May approximately 3 weeks after disturbing rodent droppings while doing renovations on a nearby house.

Overall, Arizona has had a total of 27 cases of HPS (6 fatal) with onsets dating back to 1992.

New Mexico

A Cibola County woman has died of complications from hantavirus. She was the fourth hantavirus-related death in New Mexico this year.

Overall, New Mexico has had 42 cases of hantavirus, 22 of them fatal. All of New Mexico's cases this year have come from the northwestern part of the state. Three of the four previous patients died: a 15-year-old San Juan County girl who died April 15, a 43-year-old Cibola County woman who died March 25 and a 42-year-old McKinley County man who died Feb. 9. The patient who survived was a 10-year-old San Juan County boy admitted to University Hospital on April 1. A 45-year-old Apache County, Ariz., woman brought to the hospital earlier this month with hantavirus also died [see above].

Iowa

Two boys from central Iowa are recovering from [hantavirus pulmonary syndrome]. The 12- and 13-year-old boys reportedly

caught the virus when they picked up a mouse while playing on some railroad tracks near their hometown of Gilman. The two boys are expected to make a full recovery.

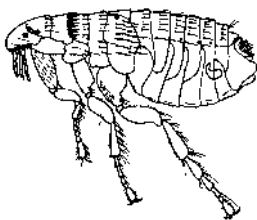
Washington State

Health officials confirmed last week's [hantavirus pulmonary syndrome = HPS] case Monday morning, June 7. Officials notified the Klickitat County Public Health Department that a woman in the Goldenadle area had been hospitalized with [HPS].

Colorado

Health officials confirm that a 19-year-old La Plata County [Durango] man came down with a mild case of [HPS] last week. The man tested positive for the virus but has not developed the severe symptoms typically associated with the disease. He was released from a Denver hospital after [he was tested].

Rabies



ProMed-mail

RABIES
STATISTICS -
USA (TEXAS):
APRIL 1999

During April, there was 1 case of canine rabies in a raccoon (Webb County) in South Texas. One person and 3 vaccinated dogs were exposed to the rabid raccoon; all received post exposure rabies prophylaxis. To date, no cases of canine rabies have been reported north of the South Texas Oral Rabies Vaccination Program (ORVP) drop-zone for coyotes.

In West-Central Texas, there were 10 cases of gray fox rabies in the following counties: Crockett (1 fox), Edwards (1 fox), Kimble (2 foxes), Llano (1 fox), Pecos (1 fox), Schleicher (1 fox), Sutton (1 fox), and Tom Green (2 foxes). To date, no cases of gray fox rabies have been reported beyond the boundaries of the original ORVP drop-zone for gray foxes; however, the rabid fox in Llano County was located beyond the border of the 1999 drop-zone.

There were 46 cases of rabies in animals reported statewide, including:

20 skunks	10 foxes
8 bats	3 raccoons
2 cows	2 dogs
1 goat	

RABIES, ANIMAL - USA (NORTH CAROLINA)

A ProMED-mail post

Date: Wed, 7 Jul 1999 09:11:15 -0400

From: Ron Arndt <greer_ivrm@abts.net>

The North Carolina Public Broadcasting TV network, local ABC, NBC and CBS TV affiliates broadcast from Charlotte, NC and Charlotte Observer newspaper report that animal rabies cases in Western North Carolina have shown an alarming increase. Some counties which had not seen any cases for 20 years are seeing 2 to 3 new cases per month, often in areas near housing subdivisions. They are reporting on cases from animal control and county health departments, mainly in Catawba, Lincoln,

Caldwell, Burke county areas in the "Foothills" area of western North Carolina.

Texas

Family dog positive for rabies: First case in pet in decade

Rutherford County Animal Control officials' worst fears were realized this week with the first confirmed case of rabies found in a family pet in close to a decade. Animal Control Director David Boone said Friday that tests results confirmed that a dog taken to a local veterinarian by a family in the Milton area tested positive for rabies virus.

"This is the first rabid dog I've encountered in Rutherford County in the nine years that I've been here," Boone said. "This animal was human handled and the parties involved thought its behavior was not normal. They took it to the vet, who called us because he also didn't like how the animal behaved. I don't really know what that behavior was, but we sent it out for testing and it came back positive."

The case alarms Boone, he said, because of the already high number of rabid wild animals found in Rutherford County each year. For several years, Rutherford County has lead the state in the number of cases reported. "Since January of this year, there have been 39 cases of rabies reported across the state -- Rutherford County has had 16 of those," he said, adding that all the cases up to now have been skunks. "In the past, we've had goats, horses, things like that, but never a dog or a cat which is why this case concerns me greatly. If you consider the average family of four owns two pets, based

on our statistics, less than half of them have been vaccinated this year."

Boone said the case might prompt an emergency rabies clinic, where area veterinarians donate their time at several locations around the county and give rabies vaccinations for a reduced fee. "This should get the attention of every animal owner in the county that it is imperative they have their pets vaccinated," Boone said. "The possibility for this virus to be passed on like this alarms me."

The case is so alarming to Boone that animal control officials will begin a door-to-door public awareness campaign next week in the Milton area and in other parts of the county that have shown a high number of skunk cases this year, urging people to have their pets vaccinated.

Boone said without having that vaccination, any animal even suspected of having rabies, by law, would have to be tested. To test for the rabies virus, doctors must look at an animal's brain tissue. To do that, the animal must be euthanized and decapitated. "That's the law. They have to be put down and sent off. Even if they don't have the disease, they have to be tested if it is suspected," he said in a previous interview. "The reason for this is really to protect the public."

Eastern Equine Encephalitis



Eastern. equine encephalitis, human - USA (Louisiana)

A ProMed Mail Posting

On Thursday, 24 June 1999, the Louisiana state Office of Public Health reported that a

47-year-old man in Bayou L'Ourse, Morgan City, Assumption Parish (near to the St. Mary Parish border) had been diagnosed with EEE (Eastern Equine Encephalitis) and was hospitalized with severe symptoms. This is the first human case in Louisiana in 3 years.

St. Louis Encephalitis

A ProMED Mail Post

ST. LOUIS ENCEPHALITIS - USA
(TEXAS): ALERT

City officials planned Thursday to spray insecticide in a southeast Dallas neighborhood early Friday morning to prevent a potentially fatal mosquito-related illness. City officials ordered the spray in a one-half-mile radius of the 1100 block of Dowdy Ferry Road after blood taken from a chicken in one of Dallas' sentinel flocks tested positive for [antibody to?] St. Louis Encephalitis [virus]. The test indicates that mosquitoes are carrying encephalitis [sic] in the area.

AFPMB WEBPAGE



For those of you who may have tried to access the Armed Forces Pest Management Board's World Wide Web

homepage, you know that it has been unavailable for sometime now. This has been the result of the work going on at the Pentagon to construct the necessary protections to protect data. This outage was anticipated to last only a short time.

However, it appears that it may still take some time. The AFPMB is working on moving their web server to another location. A possible solution is expected within a few weeks. Stay tuned! As soon as they are back in operation, we will let you know.

FORSCOM REG 700-2

FORSCOM Regulation 700-2, *FORSCOM STANDING LOGISTICS INSTRUCTIONS*, has been updated. Chapter 3 of this document, provides information and general guidance concerning medical and field preventive medicine matters. This chapter also provides the required pesticide stockage for the various field preventive medicine units. This document is available on our World Wide Web site at [http://chppm-www.apgea.army.mil/ento/forscom reg 700-2.pdf](http://chppm-www.apgea.army.mil/ento/forscom%20reg%20700-2.pdf)

TIM #42 NOW AVAILABLE



TIM #42, *Self-Help Pest Management*, will be available in early September. This TIM provides guidance for an effective installation self-help program. If you would like a copy of this document, please

contact us here at the DOD Pesticide Hotline, (DSN 584-3773, commercial (410) 436-3773 or contact the Defense Pest Management Information Analysis Center (DPMIAC) at DSN 295-7479 or commercial (301) 295-7479.

UPDATED DVEP SOON AVAILABLE



The Middle East Regional DVEP is at the printers and should be available by mid-October. If you would like a copy of this document, please contact us here at the DOD Pesticide

Hotline, (DSN 584-3773, commercial (410) 436-3773 or contact the Defense Pest Management Information Analysis Center (DPMIAC) at DSN 295-7479 or commercial (301) 295-7479.

IT'S IN THE NEWS



NY SENATE
PASSES
PESTICIDE BILL
June 17, 1999
United Press
International
ALBANY, N.Y., --

The New York State Senate has, according to this story, passed legislation requiring forty-eight hour advance notice of pesticide spraying. Senator Carl Marcellino (R-C, Syosset), the bill's sponsor, was quoted as saying, "notifying neighbors in advance of pesticide spraying is a basic, common sense approach to avoiding unnecessary exposure. Pesticide applicators are now required to tell their customers when and what they are

going to spray--this bill requires that the same information be provided to neighbors. They should be able to take the same precautions as property owners."

The legislation allows the counties of Nassau, Suffolk and Westchester and the City of New York to adopt local laws requiring notification for applications sprayed through the air with pressurized high volume equipment.

The notice will include the address and the date of the application, the name of the applicator and a description of the pesticide to be sprayed. A rain date must also be provided as well as a standard precautionary statement.

Applicators would have to notify abutting properties within 15 feet of ground or shrubs that are sprayed and within 50 yards of spraying trees over five feet high. The bill would also require homeowners who apply pesticides to their lawns to post the same small flags that commercial applicators are now required to do. Combined, these requirements provide the information everyone needs to avoid exposure.

WARNING ISSUED ON 'CHALK' PESTICIDE; DANGEROUS TO CHILDREN

July 16 /99

from a press release

CHICAGO -- U.S. Environmental Protection Agency (EPA) is warning the public not to purchase a chalk-like product illegally sold as an insect control for homes, schools, and restaurants. Marketed under several labels, including "Miraculous Insecticide Chalk" and "Chinese Chalk," the product is deceptively dangerous to children as it can easily be mistaken for common blackboard chalk and may be eaten.

Imported illegally from China and other countries, the insecticide chalk is touted as effective against roaches and other household pests when a line of chalk is drawn along the floor or baseboards. It is typically sold at swap meets, flea markets, and urban ethnic grocery and hardware stores.

In recent months it has been advertised in newspapers and on the Internet. Chemical analyses of some confiscated samples have found that the active ingredients may include insecticides deltamethrin and cypermethrin, a class of insecticides that act on the nervous system. Overexposure, especially for children, can produce serious health effects, including vomiting, stomach pains, convulsions, tremors, coma, and death due to respiratory failure. Serious allergic reactions are also possible. In addition, analysis of the colorful packaging has found high levels of lead and other heavy metals. The Illinois Poison Center is aware of nine child-poisoning cases from ingestion within the past two years. This is likely an underestimate because many pesticide poisonings go unrecognized and/or unreported.

According to John Ward, chief of the regional Pesticides Program Section: "These deceptively dangerous products have appeared over the past decade across the United States. Because they are unregistered and unregulated, we have no way of knowing if the ingredients are harmless to humans, or a deadly poison."

EPA recommends that roaches and other pests be safely controlled by:

- eliminating sources of food, water, and pest breeding areas;
- using low-risk chemical controls, including traps, baits, or crack and

crevice applications;

- reading label directions carefully; using only pesticides registered with EPA; disposing of products properly.

If you know where these products are being sold or need further information about safe roach control, contact Todd Okamoto, U.S. EPA Region 5, 77 West Jackson Blvd., Chicago, IL 60604, 312-353-0536.

FINAL CANCELLATION NOTICE PUBLISHED FOR ISOFENPHOS.

On May 26th, 1999 EPA published a Federal Register notice announcing the final cancellation of the organophosphate insecticide isofenphos (Oftanol). The notice announcing receipt of a request from Bayer, the technical producer of isofenphos, for voluntary cancellation of their isofenphos product registrations was published on January 15, 1999.

This cancellation will be accomplished in three steps:

1. Certain product registrations were canceled effective May 26, 1999 (Oftanol 5% Granular Turf and Ornamental Insecticide, Oftanol 5% Granular Insecticide, Oftanol 1.5% Granular Insecticide, and Lawn Food and Insecticide). The sale, distribution, and use of existing stocks of these products may continue until stocks are exhausted.
2. One product registration (Oftanol 2 Insecticide) will be canceled effective September 30, 1999. Existing stocks may be sold or distributed for one year after the cancellation.

3. Oftanol Technical will be canceled effective December 31, 1999, and the registrant will discontinue any further sales or distribution of Oftanol Technical after that date. Sales of Oftanol Technical will be limited to the level of 1998 sales.

Isofenphos does not have any food uses, so no tolerances are affected by this action. Isofenphos was registered for use on turf and ornamentals for control of white grubs and mole crickets. Products registered by other formulators are not affected by this cancellation. However, the technical chemical to manufacture these other products, will no longer be available after December 31, 1999.

The Federal Register notice is available on the Internet at: www.epa.gov/fedrgstr/.

ALIEN WEED TURNS UP AT HOME DEPOT

August 10, 1999

Dow Jones

Erik Siemers

Staff Reporter of The Wall Street Journal

The difference between a decorative reed and a noxious weed may depend on which side of the Atlantic you're on.

Consider *Sparganium erectum*, an aquatic plant prevalent along European lakes, streams, ditches and swamps. In 1976, the U.S. Department of Agriculture put it on the federal Noxious Weed list of banned plants, based on evidence in Europe that it chokes waterways and hinders recreation in shallow water.

Earlier this year, however, some 36,000 of the plants, also known as exotic bur reeds, slipped into the U.S. and found their way to

Home Depot Inc. stores in at least 17 states, according to the USDA.

Garden State Bulb Co., a Hammonton, N.J., flower-bulb wholesaler and importer, brought the exotic burs in from the Netherlands and shipped them to Home Depot, in what both it and the USDA say was an accident. Garden State says it didn't know the exotic bur had been banned.

EPA RECOGNIZES DOD'S PESTICIDE MANAGEMENT PROGRAM



EPA is giving the Department of Defense a Special Achievement Award in recognition of efforts to reduce pesticide use and risks across all of its major installations.

DoD reduced its pesticide usage by 50 percent, from 892.4 million pounds of active ingredient in 1993 to 450.6 million pounds in 1998. DoD's Armed Forces Pest Management Board developed its pesticide risk reduction strategy in cooperation with EPA and other federal agencies and organizations actively working to establish programs that effectively reduce health and environmental risks associated with pesticide use. More information on DoD's program and EPA's Pesticide Environmental Stewardship Program is available at <http://www.epa.gov/pesticides/pesp>

BEREAVEMENT NOTICE - ROBERT PANAMBO

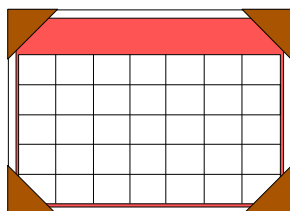
The following was provided by CPT.
Anthony Schuster.

It is with great sadness that I report the demise of Mr. Robert Panambo. Mr. Panambo has been a staff entomologist at CHPPM-PAC for 11 years. He suffered a massive stroke on Friday, 23 July, and passed away on Sunday 25 July. He will be buried in his native home, Manila PI.

AEDES JAPONICUS FOUND IN NEW YORK AND NEW JERSEY

The Walter Reed Biosystematics Unit identified specimens of *Aedes japonicus* collected in New York and New Jersey. This species, which is common in Japan and Korea, feeds on mammals, including humans, and bites in late afternoon or at night. It oviposits in many types of artificial and natural containers. It is primarily a forest species and is not found in urban areas unless they are heavily wooded. At least one previous experiment was conducted on virus transmission and it was found to transmit Japanese B encephalitis virus both horizontally and vertically.

UPCOMING EVENTS



* * * * 1999 * * * *

SEPTEMBER

6 - 11 September 1999. **The Society for Vector Ecology (SOVE) XIIth European Meeting**, Wageningen International Conference Centre, Wageningen, the Netherlands. Contact: The SOVE website at <http://www.sove.org/>

8-10 September 1999. **BPCC '99, the Second International Pest Control Conference and Expo**, Hotel Ezustpart Conference Centre, Siofok, Hungary. Contact: Babolna Bioenvironmental Centre Ltd., e-mail babolnab@mail.matav.hu.

8-12 September 1999. **Responsible Industry for a Sound Environment (RISE) meeting**, Avon, Colo. Contact: RISE, 202/872-3860.

13 - 15 September 1999. **Royal Entomological Society National Meeting (including 20th Symposium)**. Imperial College, London. Contact: Dr. Hefin Jones. Ecotron Project Leader, NERC Center for Population Biology, Imperial College at Silwood Park, Ascot, Berkshire SL5 7PY, Phone: +44-(0)1344-294483.

27 September 1999. **Pesticide Safety and Applicator Certification**, Clarion Hotel, Sacramento, Calif. Contact: Okumura Biological Institute, 916/421-8963.

OCTOBER

3 - 6 October 1999. **The Society for Vector Ecology (SOVE) Annual Conference**, Radisson Hotel, Asheville, NC. Contact: The SOVE website at <http://www.sove.org/>

13-14 October 1999. **Bird Barrier/Van Waters and Rogers Bird Control Class**,

Denver, Colo. Contact: Randy Dodrill,
303/388-5651.

17 - 20 October 1999. **17th International Neurotoxicology Conference: Children's Health and the Environment: Mechanisms and Consequences of Developmental Neurotoxicology.** Little Rock, AR. Contact: Joan Cranmer, (510) 320-2986.

20 - 21 October, 1999. **Annual Meeting of the Texas Mosquito Control Association,** Holiday Inn, Lubbock Plaza, Lubbock, TX. Contact: Lee Chastant, (409) 722-5350 or the TMCA website at <http://www.texasmosquito.org/>

24 - 27 October 1999. **2nd Pan-Pacific Conference on Pesticide Science,** Honolulu. Sponsored by the American Chemical Society. Contact: (202) 872-4396.

26 - 27 October 1999. **20th Symposium on Pesticide Formulations and Application Systems,** New Orleans, Sponsored by ASTM Committee E-35 on Pesticides and Subcommittee E35.22 on Formulations and Applications. Contact: (610) 832-9677.

27-30 October 1999. **National Pest Control Association (NPCA) Pest Management 99,** World Congress Center, Atlanta, Ga. Contact: NPCA, 703/573-8330.

NOVEMBER

1-2 November 1999. **Bird Barrier/Van Waters and Rogers Bird Control Class,** Woodbridge, N.J. Contact: Greg TenHoeve, 732/636-4660.

4-5 November 1999. **Bird Barrier/Van Waters and Rogers Bird Control Class,** Orlando, Fla. Contact: Jim Watson, 407/843-2611.

16 - 19 November, 1999. **162nd Meeting Armed Forces Pest Management Board,** Washington, DC. Contact: Col Bob McKenna, (301) 295-7476 or visit the website at <http://www.afpmb.acq.osd.mil>

29 November - 3 December 1999. **National Association of Chemical Distributors Annual Meeting,** Bal Harbour, FL. Contact (703) 527-7747.

DECEMBER

5 - 8 December 1999. **Ecohazard '99: Hazard Assessment and Control of Environmental Contaminants,** Otsu City, Japan. Contact: Yoshihisa Shimizu, Research Center for Environmental Quality Control, Kyoto University, 1-2 Yumihama, Otsu City, Shiga 520-0811, Japan.

12 - 16 December, 1999. **Annual Meeting of the Entomological Society of America,** Hyatt Regency Atlanta, Atlanta, GA. Contact: ESA, 9301 Annapolis Road, Lanham, MD 20705-3115, (301) 731-4535 or by e-mail at esa@entsoc.org or visit the website at <http://www.entsoc.org/>

* * * * * 2000 * * * * *

JANUARY

28 January - 5 February 2000. **The 2000 Occupational Health and Preventive Medicine Workshop,** Norfolk, VA. Contact: The NEHC website at <http://www-nehc.med.navy.mil>

FEBRUARY

5 - 10 February 2000. **Weed Science Society of America Annual Meeting**, Toronto, Canada. Contact: WSSA, J. Breithaupt, P.O. Box 1897, Lawrence, KS, 913-843-1235 or e-mail jbreith@allenpress.com

MARCH

28 January – 5 February 2000. **The 2000 Occupational Health and Preventive Medicine Workshop**, Norfolk, VA. Contact: The NEHC website at <http://www-nehc.med.navy.mil>

AUGUST

20 - 26 August 2000. **XXI International Congress of Entomology**, Iguassu Falls, Brazil. Contact: XXI International Congress of Entomology, c/o Dr. Decio Luiz Gazzoni, P.O. Box 231, 86001-970 Londrina-PR, Brazil. For more information, check out the WWW site at <http://www.embrapa.br/ice>

UPDATED STOCKED PESTICIDE LIST



In Appendix A, you will find the updated Stocked Pesticide List. Please note that there are some changes in this list. The changes are denoted in bold print.

COURSES FOR DoD PEST MANAGEMENT PERSONNEL



those courses.

Appendix B of this Bulletin provides a listing of various courses provided by DOD. If you have additional questions concerning any of these courses, please contact the POC listed for

DOD EQUIPMENT LIST



In this issue of the Bulletin, we are continuing the inclusion of the DOD Pest Management Equipment List. This most current listing can always be found on the Armed Forces Pest

Management Board webpage: <http://afpmb-www.acq.osd.mil>.

ON THE LIGHTER SIDE

Kids' Speak

Never trust a dog to watch your food. - Patrick, age 10



When your dad is mad and asks you, "Do I look stupid?" don't answer him! - Unknown

Never tell your mom her diet's not working.
- Michael, 14

Never pee on an electric fence. - Robert, 13

Stay away from prunes. - Randy, 9

Don't pull Dad's finger when he tells you to.
- Emily, 10

When your mom is mad at your dad, don't let her brush your hair. -
Taylia, -11

Never allow your three-year-old brother in the same room as your school assignment. -
Traci, 14

Puppies still have bad breath even after eating a Tic Tac. - Andrew, 9

Never hold a dust buster and a cat at the same time. - Kyoyo, 9

You can't hide a piece of broccoli in a glass of milk. - Armir, 9

Don't wear polka-dotted underwear under white shorts. - Kellie, 11

If you want a kitten, start out by asking for a horse. - Naomi, 15

Felt markers are not good to use as lipstick.
- Lauren, 9

Don't pick on your sister when she's holding a baseball bat. - Joel, 10

When you get a bad grade in school, show it to your mom when she's on the phone. -
Alyesha, 13

Never, ever, try to baptize a cat. - Eileen, 8

APPENDIX A

DOD STOCK LISTED PESTICIDES

00-063-3981	Algaecide, Copper Sulfate, 80.16% pentahydrate, crystal (Cuprose)	50-lb bag	L	-----	BG	A,F
00-281-2724	Fungicide, Wood Preservative, copper naphthenate mixture (COP-R-NAP)	55-gal drum	J	1208.20	DR	A,N
00-282-0971	Fungicide, Wood Preservative, copper naphthenate mixture (COP-R-NAP)	5-gal co	D	262.14	CO	A,N,F,M
01-209-6298	Fungicide, Wood Preservative, copper naphthenate mixture (COP-R-NAP RTU)	5-gal co	L	-----	CO	A
01-360-4741	Fungicide, Methylisothiocyanate (MITC-FUME) *** RESTRICTED USE PESTICIDE ***	18 tubes	L	-----	CO	A,N,F,M
01-457-6588	Fungicide, Methyl Azoxystrobin, 50% (Heritage)	(6) 1-lb. cont.	J	2100.00	BX	A,N,F,M
00-027-6467	Herbicide, Borate-Bromacil mixture, 94% sodium metaborate tetrahydrate, 4% bromacil, granular (Borocil IV)	50-lb bag	V	111.03	BG	A,N,F
00-392-7593	Herbicide, Bromacil, 21.9% lithium salt of bromacil, liquid (Hyvar X-L)	(2) 2.5-gal co	D	306.16	BX	A,N,F,M
00-181-7106	Herbicide, Bromacil, 40.8%, water soluble liquid (Bromax-4L)	5-gal drum	D	689.52	DR	A,N,F
01-408-9079	Herbicide, Bromacil, 40.8%, wettable powder (Hyvar X)	(12) 4-lb bags	H	967.98	BX	A,N,F,M
00-684-8975	Herbicide, Chlorate-Borate mixture, 30% sodium chlorate, 68% sodium metaborate tetrahydrate, granular (Monobor Chlorate)	50-lb bag	Z	62.97	BG	A,N,F
01-005-7523	Herbicide, Diquat, 35.3%, water soluble liquid (Reward)	1-gal co	D	116.93	GL	F
00-815-2799	Herbicide, Diquat, 35.3%, water soluble liquid (Reward)	(2) 2.5-gal co	D	650.43	BX	A,N,F
01-341-9346	Herbicide, Diuron, minimum 80% diuron, granular	25-lb bag	Z	116.93	BG	A,N,F
00-001-7710	Herbicide, Diuron-Bromacil mixture, 40% bromacil, 40% diuron, granular (Krovar I DF)	6-lb bag	D	70.96	BG	A,N,F
01-108-9578	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Roundup Pro)	(2) 2.5-gal co	D	304.10	BX	A,N,F
01-388-0142	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Roundup Pro)	30-gal drum	D	1790.56	DR	A,N,F
01-356-8893	Herbicide, Isopropylamine salt of glyphosate, 41%, water soluble liquid (Rodeo)	(2) 2.5-gal co	D	679.93	BX	A,N,F,M
01-377-7113	Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid (Roundup Ready-to-Use)	24-oz pump spray bottle	D	5.61	BT	F
01-399-0673	Herbicide, Isopropylamine salt of glyphosate, 0.96%, water soluble liquid (Roundup Dry Pack)	25 pkg	D	53.59	BX	A,N,F,M
01-356-8902	Herbicide, Isopropylamine salt of imazapyr, 27.6% (Arsenal)	(2) 2.5-gal co	D	1190.26	BX	A,N,F,M
01-318-7417	Herbicide, Oryzalin, 40% (Sulflan A.S.)	1-gal bot	L	-----	GL	A,N,F,M
00-145-0013	Herbicide, Prometone, 25% prometone, emulsifiable concentrate (Pramitol 25E)	5-gal can	D	96.05	CN	A,F
00-180-6386	Herbicide, Prometone, 50% sodium metaborate, 40% sodium chlorate, 5% prometone, 0.75% simazine, pellets (Pramitol 5PS)	50-lb bag in a drum	Y	140.27	DR	A,N,F,M
01-319-2890	Herbicide, Tebuthiuron (Spike 80W)	4-lb bag	L	-----	BG	A,N,F,M
01-457-6576	Herbicide, Tebuthiuron-Diruron, 1% Tebuthiuron, 3% Diuron (Spraykil SK-13)	40 lb. container	J	98.29	CO	A,N,F,M
00-577-4194	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), oil miscible/water emusifiable liquid (low volatile ester form)	(2) 2.5-gal co	H	104.70	BX	A,N,F,M
00-664-7060	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), water soluble liquid (amine salt form)	(2) 2.5-gal co	H	88.43	BX	A,N,F,M
01-377-7110	Herbicide, 2,4-Dichlorophenoxy-acetic acid (2,4-D), 0.4%, water soluble liquid (amine salt form) (Weed-B-Gon)	24-oz pump spray bottle	D	6.53	BT	F
00-753-4963	Insect Repellent, clothing application, 75% DEET, 25% ethanol	2-oz bottle	D	1.37	BT	A,N,F,M
01-278-1336	Insect Repellent, clothing application, aerosol (Permethrin Arthropod Repellent)	(12) 6-oz cans	D	37.05	BX	A,N,F,M
01-284-3982	Insect Repellent, personal application, (3M/EPA 58007-1)	(12) 2-oz tubes	D	32.88	BX	A,N,F,M
01-334-2666	Insect Repellent, clothing application, 40% permethrin, liquid (2-Gal sprayer)	(12) 151-ml bot	D	162.11	BX	A,N,F,M
01-137-8456	Insect Repellent, personal application, 3% benzocaine, 10% precipitated sulfur (Chigg-Away)	188-ml bot	D	2.31	BT	A,N,F,M

01-288-2188	Insect Repellent, personal application & sunscreen, 20% DEET/SPF15 (Sunset)	(12) 2-oz tubes	D	43.51	BX	A,N,F
01-452-9582	Insect Repellent, personal application & sunscreen, 20% DEET/SPF15 (Sunset)	320 packets	J	197.63	BX	A,N
01-345-0237	Insect Repellent, clothing application, permethrin (IDA)	12 kits	D	43.53	BX	A,N,F,M
00-142-8965	Insect Repellent, personal application, 30% DEET (Cutter Insect Repellent Stick)	(12) 1-oz tubes	D	31.02	BX	A,N,F
00-145-0016	Insecticide, Aluminum phosphide, 55 % tablets (Phostoxin/Fumitoxin) ***RESTRICTED USE PESTICIDE***	100 tablets	D	24.26	CN	A,N,F
00-442-5698	Insecticide, Aluminum phosphide, 55 % tablets (Phostoxin/Fumitoxin) ***RESTRICTED USE PESTICIDE***	1660 pellets	D	34.57	BT	A,N,F
01-377-7049	Insecticide, <i>Bacillus thuringiensis</i> , 10% (Bactimos Briquets)	100 Briquets	D	74.57	BX	A,N,F,M
00-180-6069	Insecticide, Baygon, 1% propoxur, liquid (Roach and Ant Spray)	1-gal can	V	10.99	GL	A,N,F,M
01-287-3938	Insecticide, Boric Acid, aerosol (Whitmire PT 249 Perma-dust)	(12) 9 oz cans	D	77.85	BX	A,N,F
00-932-7297	Insecticide, Carbaryl, 80%, water dispersible powder (Sevin 80S)	(5) 10-lb bags	H	248.61	BX	A,N,F
01-104-0887	Insecticide, Carbaryl, 42.6%, liquid (Carbaryl 4L)	(2) 2.5-gal co	D	154.99	BX	F
01-033-4481	Insecticide, Carbaryl, 5%, dust (Sevin 5% dust)	(12) 4-lb bags	D	139.28	BX	A,N,F
01-224-1269	Insecticide, Fipronil, cockroach, large size (Combat Quick Kill)	8 bait stations/ box/12 boxes	D	83.50	PG	A,N,F,M
01-180-0167	Insecticide, Fipronil, cockroach, regular size (Combat Quick Kill)	12 bait stations/ box/12 boxes	D	81.44	PG	A,N,F,M
01-313-7359	Insecticide, Cyfluthrin (Tempo 2EC)	(12) 240-ml bot	J	407.05	BX	A,N,F,M
01-383-6251	Insecticide, Cyfluthrin (Tempo 20WP)	(288) 9.5-g pack	D	386.14	BX	A,N,F,M
01-390-4822	Insecticide, Cypermethrin (Demon WP)	1-lb jar	J	51.57	LB	A,N,F,M
01-431-3345	Insecticide, Deltamethrin (Delta Dust)	1-lb co	D	11.88	LB	A,N,F,M
00-753-5038	Insecticide, Diazinon, 2%, dust	25-lb can	D	30.79	CN	A,N,F,M
00-782-3925	Insecticide, Diazinon, 47.5%, emulsifiable concentrate	1-gal can	D	39.18	GL	A,N,F,M
00-955-0931	Insecticide, Diazinon, 2%, dust	5-lb bag	J	13.65	BG	A,F,N
00-142-9438	Insecticide, Dichlorvos, 20% (plastic strips)	48 strips	D	183.24	BX	A,N,F,M
01-412-4634	Insecticide, D-Phenothrin, 2%, aerosol	12-oz can	D	6.50	CN	A,N,F,M
01-067-2137	Insecticide, D-trans Allethrin and Resmethrin, 0.15% and 0.2% minimum, respectively, aerosol	11-oz can	D	1.79	CN	A,N,F,M
01-122-2651	Insecticide, Dursban, 42% chlorpyrifos, emulsifiable concentrate (Dursban 4E)	1-gal can	D	124.17	GL	N,F,M
01-338-6003	Insecticide, Dursban, 20% chlorpyrifos, microencapsulated (Empire 20)	1-pint co	D	25.26	PT	A,N,F,M
01-270-9766	Insecticide, Dursban, 42.8% chlorpyrifos, emulsifiable concentrate (Dursban TC/CYREN PRO Termite Conc.)	(4) 1-gal co	D	266.57	BX	A,N,F,M
00-402-5411	Insecticide, Dursban, 42% chlorpyrifos, emulsifiable concentrate (Dursban 4E)	5-gal can	D	516.40	CN	A,N,F,M
01-203-6161	Insecticide, Dursban, 19.36% chlorpyrifos, liquid (Mosquitomist 1.5 ULV)	5-gal can	D	264.15	CN	A,N,F,M
01-338-2487	Insecticide, Dursban, 0.5% chlorpyrifos, aerosol (PT 279-Engage)	(12) 20-oz cans	D	103.47	BX	A,N,F,M
01-210-3392	Insecticide, Dursban, 42% chlorpyrifos, emulsifiable concentrate (Dursban LO)	(12) 40-ml bot	D	29.35	BX	A,N,F
01-412-4361	Insecticide, Dursban, 20% chlorpyrifos, emulsifiable concentrate (Dursban Pro)	1-pint co	H	10.02	PT	A,N,F,M
01-087-6672	Insecticide, Ficam, 76% bendiocarb, wettable powder (Ficam)	1-lb jar	D	77.92	LB	A,N,F,M
01-183-7244	Insecticide, Fly Bait, 1% methomyl (Apache/Golden Malrin)	5-lb can	D	17.87	CN	A,N,F,M
01-287-3913	Insecticide, Hydramethylnon (Amdro Fire Ant Bait)	(24) 6-oz bot	L	-----	BX	A,N,F,M
01-298-1122	Insecticide, Fipronil (MaxForce Ant Bait)	96 stations	D	90.84	PG	A,N,F,M
01-318-7416	Insecticide, Hydroprene, emulsifiable concentrate (Gentrol IGR)	(10) 1-oz bot	D	97.12	BX	A,N,F,M
01-457-6580	Insecticide, Imidacloprid, 5% granular (Merit 0.5 g)	30 lb. bag	J	50.00	BG	A,N,F,M
01-428-6646	Insecticide, Lambda-cyhalothrin, 9.7% (Demand CS)	(8) 8 oz bottle	J	300.64	BX	A,N,F,M
01-431-3357	Insecticide, Lamda-cyhalothrin (Demand Pesttab)	40 tablets	D	69.05	CO	A,N,F,M

01-424-2494	Insecticide, Logic (Award Brand of Logic)	25-lb bag	J	260.89	BG	A,N,F,M
00-655-9222	Insecticide, Malathion, 57.0%, emulsifiable concentrate, class 1	1-gal co	D	34.30	GL	A,N,F,M
00-685-5438	Insecticide, Malathion, 57.0%, emulsifiable concentrate, class 1	5-gal can	D	130.80	CN	A,N,F,M
00-926-1481	Insecticide, Malathion, 95%, liquid, grade B	54-gal drum	D	1726.07	DR	A,N,F,M
01-169-1842	Insecticide, Malathion, 95%, liquid, grade B	5-gal can	D	111.09	CN	A,N,F,M
01-424-2495	Insecticide, Methoprene (Altosid XR Briquets)	220 Briquets	D	681.97	BX	A,N,F,M
01-424-2493	Insecticide, Methoprene (Altosid SR-20 Liquid Larvicide)	(2) 2.5-gal co	J	4751.36	BX	A,N,F,M
01-426-5472	Insecticide, N-ethyl perfluorooctane sulfonamide (Advance Dual Choice)	24 stations	D	39.51	PG	A,N,F,M
01-270-9765	Insecticide, Naled, 85%, liquid (Dibrom)	30-gal drum	J	3331.90	DR	A,N,F
00-597-6111	Insecticide, Naphthalene, ball form	1-lb box	D	5.80	LB	A,N,F,M
00-286-6018	Insecticide, Naphthalene, flake GSA	1-lb box	Y	3.00	LB	N
00-174-1825	Insecticide, P-Dichlorobenzene, crystal/flake	100-lb drum	Z	427.05	DR	A,N,F
00-174-1824	Insecticide, P-Dichlorobenzene, crystal GSA	1-lb can	J	3.22	LB	A,N,F,M
01-318-7415	Insecticide, Propetamphos, 50% (Catalyst)	(8) 3.2-oz bot	D	37.34	BX	A,N,F,M
01-104-0780	Insecticide, Pyrethrins, 3% pyrethrins with synergists, liquid (ULV fog concentrate)	1-gal bot	D	76.28	GL	A,N,F,M
00-459-2443	Insecticide, Pyrethrins, allethrin, d-phenothrin, or resmethrin, aerosol (PT 515 Wasp Freeze & Hornet Killer/Wasp Stopper II Plus/Wasp & Hornet Killer II)	(12) 12-oz cans	D	44.89	BX	A,N,F,M
00-823-7849	Insecticide, Pyrethrin, aerosol (PT 565 Plus XLO)	(12) 12-oz cans	D	118.40	BX	A,N,F
01-359-8533	Insecticide, Resmethrin (Scourge)	5-gal can	D	442.69	CN	A,N,F
01-457-6583	Insecticide, Spinosad, 11.6% (Conserve SC)	1 gal cont.	J	250.00	GL	A,N,F,M
01-424-3132	Insecticide, Temephos (Abate 4E)	2.5-gal co	J	356.09	CO	A,N,F,M
01-431-3352	Rodent Indicator Bait Blocks (Census Bait Blocks)	285 blocks	D	55.22	CO	A,N,F,M
00-089-4664	Rodenticidal Bait, Anticoagulant, 0.005% diphacinone	40 blocks	D	52.14	BX	A,N,F,M
00-753-4973	Rodenticidal Bait, Anticoagulant, 0.005-0.0055% diphacine or 0.025-0.028% warfarin, pellets	5-lb can	D	9.16	CN	A,N,F
01-151-4884	Rodenticidal Bait, Anticoagulant, 0.005% brodifacoum (Maki), pellets	11-lb can	D	29.35	CN	A,N,F,M
01-426-4808	Rodenticidal Bait, Anticoagulant, 0.005% brodifacoum (Talon-G), pellets	10-lb can	D	38.17	CN	A,N,F,M
01-435-9320	Rodenticidal Bait, 2% zinc phosphide (ZP Rodent Bait) ***RESTRICTED USE PESTICIDE***	(250) 7.5-g pkg.	J	52.56	CO	N
00-753-4972	Rodenticide, Anticoagulant, concentrate 0.106% sodium salt of diphacinone (LIQUA-TOXII)	50 pouches	D	48.27	BX	A,N,F,M
01-435-9318	Rodenticide, 10% zinc phosphide (ZP Tracking Powder) ***RESTRICTED USE PESTICIDE***	(4) 500-g bot	J	31.54	BX	N

+ User Code A=Army, N=Navy, F=Air Force, M=Marines SOS (RIC)=S9G

*ACQUISITION ADVICE CODES (ACC)

D. DOD INTEGRATED MATERIAL MANAGER (IMM) STOCKED, AND ISSUED. Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Material Manager/Military Service supply policy.

1. The item is centrally managed, stocked, and issued.
2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

G. GENERAL SERVICES ADMINISTRATION (GSA) INTEGRATED MATERIAL MANAGED, STOCKED AND ISSUED. Identifies GSA managed items available from GSA Supply Distribution Facilities. Requisitions and fund citations will be submitted in accordance with GSA/Military Service requisitioning procedures.

H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract #(non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's minimum order of quantity may be issued from stock by ICP or IMM supply distribution facilities.
3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer-required time frame.

I. **DIRECT ORDERING FROM A CENTRAL CONTRACT/SCHEDULE.** Issue, transfer, or shipment is not subject to specialized controls other than those imposed by Integrated Material Manager/Military Service supply policy. The item is covered by a centrally issued contractual document, or by a multiple award Federal Supply schedule for GSA managed items, which permits using activities to place orders on vendors for direct delivery to the user.

J. **NOT STOCKED, CONTROLLED PROCURED.** Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

K. **CENTRALLY STOCKED FOR OVERSEAS ONLY.** Main means of supply is local purchase. Item is stocked in domestic supply system for those overseas activities unable to procure locally due to non-availability of procurement sources or where local purchase is prohibited. Requisitions will be submitted by overseas activities in accordance with Service/Agency requisitioning procedures. NOTE: CONUS activities will obtain supply support through local procurement procedures.

L. **LOCAL PURCHASE.** IMM/Military Service managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. NOTE: GSA FSS items are included.

V. **TERMINAL ITEM.** Identifies items in stock; but future procurement is not authorized. Requisitions may continue to be submitted until stocks are exhausted. Preferred items National Stock Number (NSN) normally provided by the application of the phrase, "When Exhausted Use (NSN)". Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures as applicable.

X. **SEMIACTIVE ITEM-NO REPLACEMENT.** A potentially inactive NSN which must be retained in the supply system as an item of supply because (1) stocks of the item are on hand or in use below the wholesale level and (2) the NSN is cited in equipment authorization documents TO&E, TA, TM, etc. or in-use assets are being reported.

1. Items are authorized for central procurement but not authorized for stockage at wholesale level.
2. Requisitions for in-use replacement will be authorized in accordance with individual Military Service directives.
3. Requisitions may be submitted as requirements generate. Repetitive demands may dictate at ACC change to permit Wholesale stockage.

Y. **TERMINAL ITEM.** Further identifies AAC V items on which wholesale stocks have been exhausted. Future procurement not authorized.

1. Requisitions will not be processed to the wholesale suppliers.
2. Internal Services' requisitioning may be continued in accordance with Military Service requisitioning policies.

Z. **INSURANCE/NUMERIC STOCKAGE OBJECTIVE ITEM.** Items, which may be required occasionally or intermittently and prudence requires that a nominal quantity of material be stocked due to the essentiality or the lead-time of the item.

1. The item is centrally managed, stocked and issued.
2. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

APPENDIX B

COURSES FOR DOD PEST MANAGEMENT PERSONNEL

If you see any information that needs to be corrected or updated, please contact Capt(Sel) Mauer, who can be reached at Tel: (301) 295-7479, DSN Prefix 295 or e-mail: mauerdj@acq.osd.mil

ARMY SPONSORED COURSES

1. For information on the following courses, contact SSG Kerry McKinley, Academy of Health Sciences, U.S. Army, ATTN: MCCS-HPM, Fort Sam Houston, TX 78234-6100, Tel: (210) 221-6801/6733, DSN Prefix 471, E-mail: kerry.mckinley@cen.army.mil. Classes are conducted at Fort Sam Houston, TX.

Pest Management Certification Course (6H-F12/322-F12):

JAN 10 – 21, 2000*

MAR 19 – APR 7, 2000

JUN 5 – 23, 2000

AUG 7 – 25, 2000

*Open to vegetation management personnel only.

Recertification (6H-F13/322-F13)

SEP 13 – 17, 1999

DEC 6 – 10, 1999

JAN 31 – FEB 4, 2000

FEB 28 – MAR 3, 2000

JUL 17 – 21, 2000

SEP 18 – 22, 2000

2. For information on courses in Germany, contact MAJ Tom Logan, HQ, USACHPPM-EUR, CMR 402, Box 137, APO AE 09180, Tel: 49-6371-86- 8540/44, DSN: 486-8540/44. Classes are conducted at the USACHPPM-EUR, Landstuhl, Germany.

3. For information on courses taught at the Environmental Training Center, contact Ms. Gail Boeff, ATTN: ATZR-BT, Fort Sill, OK 73503-5100, Tel: (580) 442-2111, Fax: (580) 442-5722, DSN Prefix 639. The Environmental Training Center at Fort Sill, OK, conducts a variety of environmental, natural resources and occupational health courses.

NAVY SPONSORED COURSES

1. For information on the following courses, contact HM2 Whalen, NDVECC, Naval Air Station Jacksonville, Box 43, Jacksonville, Florida 32212, Tel: (904) 542-2424 ext 3020, Fax: (904) 542-4324, DSN Prefix 942. Unless noted otherwise, classes are conducted at the Disease Vector Ecology and Control Center, NAS Jacksonville, Jacksonville, FL.

Pesticide Applicator Training (Core) (B-322-1070), Instruction for Initial Certification:

SEP 13 – 20, 1999

MAR 6 – 13, 2000

SEP 11 – 18, 2000

Plant Pest and Vegetation Management (B-322-1071), Initial Certification for Categories 2, 3, 5 & 6:

SEP 21 – 24, 1999

MAR 14 – 17, 2000

SEP 19 – 22, 2000

Arthropod and Vertebrate Pest Management (B-322-1072), Initial Certification for Categories 7 & 8:

SEP 27 – OCT 6, 1999

MAR 20 – 29, 2000

SEP 25 – OCT 4, 2000

Recertification (B-322-1074)

NOV 2 – 3, 1999

Recertification (B-322-1074)

JAN 29 – 30, 2000*

FEB 23 – 24, 2000

APR 4 – 5, 2000

NOV 8 – 9, 2000

* NEHC CONF 2000, Norfolk, Virginia

Operational Entomology Training (B-322-1077), designed for A/D & Reserve PMTs, EHOs, Entomologists, Epidemiologists & others assigned to PM units:

OCT 18 – 29, 1999

MAY 1 – 12, 2000

OCT 16 – 27, 2000

Medical Entomology and Pest Management Technology (Reserve Training) (B-322-1050):

JUL 12 – 23, 1999

FEB 7 – 18, 2000

JUN 5 – 16, 2000

JUL 10 – 21, 2000

2. For information on the following courses, contact HM1 Elam, NDVECC, 19950 Seventh Ave., NE, Suite 201, Poulsbo, WA 98370-7405, Tel: (360) 315-4450, Fax: 4455, DSN Prefix 322, E-mail: postmaster@ndvecc.navy.mil. Unless otherwise noted, classes are conducted at the Navy Disease Vector Ecology and Control Center, Bangor, WA.

Medical Entomology and Pest Management Technology (Preventive Medicine Technician Certification) (B-322-1050) For PMTs Only With Elapsed DoD Category 8 Certification:

JUN 12 – 23, 2000

Pesticide Applicator Training (Core) (B-322-1070), Instruction for Initial Certification:

SEP 14 – 24, 1999

SEP 12 – 22, 2000

Plant Pest and Vegetation Management (B-322-1071), Initial Certification for Categories 2, 3, 5 & 6:

SEP 24 – 29, 1999

SEP 22 – 27, 2000

Arthropod and Vertebrate Pest Management (B-322-1072), Initial Certification for Categories 7 & 8:

SEP 29 – OCT 8, 1999

SEP 27 – OCT 6, 2000

Recertification Course (B-322-1074), Category 8:

OCT 19 – 22, 1999

JAN 11 – 14, 2000

APR 25 – 28, 2000*

AUG 22 – 25, 2000

DEC 12 – 15, 2000

*NEPMU-5, San Diego, CA

Operational Entomology Training (B-322-1077), Recertification in DoD Category 8 is available as part of the course. Note: Reservists who have attended CIN: B-322-1050 and whose certification has not expired may attend this course.

MAY 15 – 26, 2000

Shipboard Pest Management (B-322-1075): NDVECC(B)

OCT 27, 1999

JAN 5, 2000

MAR 1, 2000

MAY 3, 2000

JUL 5, 2000

SEP 6, 2000

NOV 1, 2000

* Ingleside, TX

3. A Pest Control Quality Assurance Evaluator (QAE) Training Course, sponsored by the Southwest Division of the Naval Facilities Engineering Command, is scheduled to be held at the Officer's Club, Marine Corps Air Station Miramar, San Diego, California. For information, contact Mr. A. Reese Christopherson, Tel: (650) 244-3065, DSN: 494-3065, Fax: (650) 244-3090, E-mail: archristopherson@efawest.navfac.navy.mil.

AUG 10-13, 1999

AIR FORCE SPONSORED COURSES

1. For information on the following courses, contact Mr. Dale Hess, 366 TRS/TRRT, 727 Missile Road, Sheppard AFB, TX 76311-2254, DSN: 736-5790, Fax: 736-6175. Classes are conducted at Sheppard AFB, TX. Quotas are obtained through the Unit or MAJCOM Training Managers.

Pest Management Certification - J3AZR3E453-003 is a four-week training course that meets the basic requirement for initial certification training under DoD 4150.7-M, Plan for Certification of

Pesticide Applicators of Restricted use Pesticides. Achievement of the minimum passing scores satisfies the formal training and testing requirement for initial certification in the core phase of pest control and pest control Category 3, Ornamental and Turf; Category 5, Aquatic; Category 6, Right-of-Way; Category 7, Industrial, Institutional, Structural, and Health-Related; and Category 8, Public Health. This course DOES NOT satisfy the OJT and correspondence course requirements for certification. All DoD personnel who have held DoD certification in one or more pest control categories but cannot meet the requirements for triennial recertification, according to DoD 4150.7-M, are eligible to attend. Personnel who possess current certification are NOT eligible to attend this course.

SEP 13 - OCT 8, 1999

MAR 23 - APR 19, 2000

AUG 30 - SEP 27, 2000

Pest Management Recertification - J3ARR3E453-002 is a one week course that meets the basic requirements for recertification training under DoD 4150.7-M, Plan for Certification of Pesticide Applicators of Restricted Use Pesticides. Achievement of the minimum passing scores satisfies the formal training requirements for recertification in the core phase of pest control and pest control Category 3, Ornamental and Turf; Category 5, Aquatic; Category 6, Right-of-Way; Category 7, Industrial, Institutional, Structural, and Health-Related; and Category 8, Public Health. Students are allowed to return to duty after testing in only the core phase and in the categories in which they hold initial certification. Only DoD personnel who require triennial recertification to apply restricted use pesticides are eligible to attend. Personnel should be within one year of expiration of their DD Form 1826.

OCT 4 - 8, 1999

NOV 15 - 19, 1999

DEC 13 - 17, 1999

JAN 24 - 28, 2000

FEB 28 - MAR 3, 2000

APR 3 - 7, 2000

MAY 8 - 12, 2000

JUN 12 - 16, 2000

JUL 17 - 21, 2000

2. For information on the following course, contact Capt Craig Forcum, USAF School of Aerospace Medicine, Brooks AFB, TX 78235-5123, Tel: (210) 536-2058/59, DSN Prefix 240, e-mail: craig.forcum@mirage.brooks.af.mil. Information is also available on the WWW at: <http://wwwsam.brooks.af.mil/web/eh/html/bugs.htm>.

Operational Entomology Course (OEC) - #B30ZY43M3-000 is a two-week training course that includes vector bionomics and vector-borne disease profiles, surveillance and control of vectors and vector-borne diseases, and information, intelligence, and perspectives on developing country operations during exercises, hostilities, and natural disasters.

Academic instruction, practical exercises and field experiences simulate actual vector-borne disease surveillance and control situations. The course is designed to provide training for the following Air Force specialties and DoD personnel: public health officers (43H1/3); public health apprentices (4E031, E-2 and above with completion of 5-level CDC and the recommendation of your supervisor), journeymen (4E051), craftsmen (4E071), or

superintendents (4E091); medical entomologists (43M1/3); flight surgeons (48A1/3 or 48P1/3); pest management apprentices (3E433, E-2 and above with completion of 5-level CDC and the recommendation of your supervisor), journeymen (3E453), craftsmen (3E473), or superintendents (3E490 with a prior AFSC 3E433, 3E453, and 3E473), or equivalent civilian pest management personnel; and other military and civilian public health and pest management personnel with the consent of the faculty. Quotas are obtained through the Unit or MAJCOM Training Managers. Army and Navy personnel are encouraged to contact USAFSAM/PH to request attendance in OEC.

AUG 23 - 3 SEP 1999

*Kadena Air Base, Okinawa, Japan

3. For information on the following courses, contact Ms. June Brewer, 910 AW, YARS, Vienna, OH 44473-0910, Tel: (330) 609-1111/1178, Fax: (330) 609-1111, DSN Prefix 346. Information is also available on the WWW at: <http://w3.afrc.af.mil/units/910aw/spray/index.htm>

Aerial Application of Pesticides (Certification) - #AAP-01 is a one-week course that addresses the tenets and methodologies for aerial application of pesticides, with an emphasis on operational aspects and military applications. The primary scope of the course includes general principles, legal aspects, contracts, map types and preparation, spray system calibrations, aerial spray math, DoD spray systems, meteorological effects, occupational health and safety, operations and mission support, disease control, pilot's view, private applicator's view, environmental aspects, computer modeling, swath and droplet characterization, pesticide monitoring, public relations, contingency wartime usage, spill prevention and containment, and other pertinent operational issues involving the use of aerial spray. The course features guest lecturers from the U.S. Army, U.S. Navy, U.S. Department of Agriculture, private applicator firms, and other government agencies. It is offered once annually in June.

APPENDIX C

DOD PEST MANAGEMENT MATERIEL, OTHER THAN PESTICIDES, LISTING

As of JULY 1, 1999

A. Disclaimer.

1. The Pest Management Materiel List, Other Than Pesticides, paragraph C., below, does not constitute procurement authority for materiel listed herein. Use of trade names in this list is solely for the purpose of providing specified information to aid in the identification of specific products and does not imply endorsement of the products named or criticism of products not mentioned. Products mentioned in this list do not constitute a guarantee or warranty of these products by the Armed Forces Pest Management Board (AFPMB), the Military Departments, or the DoD.
2. Most of the pesticide dispersal equipment listed in paragraph C., below, should only be used by personnel (i.e. preventive medicine or installation pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, "The DoD Plan for the Certification of Pesticide Applicators, September 30, 1996 or DoD 4150.7-M, DoD Pest Management Training and Certification, April 24, 1997. All other personnel should not procure or use pesticide dispersal equipment unless specifically authorized by Service instructions, regulations, or directives.
3. This list is maintained, and periodically reviewed by the Armed Forces Pest Management Board's Pest Management Equipment Committee. Users are encouraged to submit notice of errors and additional information to the: Armed Forces Pest Management Board, ATTN: Contingency Liaison Officer, Forest Glen Section, WRAMC, Washington, DC 20307-5001.

B. Purpose.

The purpose of the Pest Management Materiel List, Other Than Pesticides, is to provide a descriptive reference of DoD standard available pest management equipment and materiel, other than pesticides.

C. Pest Management Materiel, Other Than Pesticides Lists.

1. Hand Sprayer, Pesticide, Manually Operated, Compressed Air. A manually carried piece of equipment that can discharge liquid pesticides by means of a hand-compressed pump in one, two, or three gallon capacities.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC*	Unit Price	U/I	Users+
00-191-3677	Sprayer, Pesticide, Manually Carried, 1 gallon stainless tank, with pressure gauge. Formerly MIL-S-14102, replaced by CID A-A-55748. Flow rate - 0.8 l/min. Current inventory on hand does not include a spare parts package. Future purchases will include three sets of spare parts including; crack and crevice tip assemblies, nozzle gaskets and O rings, plunger cups, check valves, and strainer/filters.	58536	D	133.65	EA	A,N,F,M
00-641-4719	Sprayer, Pesticide, Manually Carried, 2-gallon stainless tank with pressure gauge. Formerly MIL-S-14102 replaced by CID A-A-55748. Flow rate - 0.8 l/min, includes three sets of spare parts including crack and crevice tip assemblies, nozzle gaskets and O rings, plunger cups, check valves, and strainer/filters.	58536	D	142.37	EA	A,N,F,M
00-720-0465	Sprayer, Pesticide, Manually Carried, Model Sureshot A-2600, 2 pt capacity, steel tank, no accessories included. GSA	92997	G	40.55	EA	N,F

01-338-5390	Sprayer, Pesticide, Manually Carried, Whitmire System III Single Pack, Part Number 20-2300, includes pouch for three 28 oz pesticide product containers and a 10 foot memory coiled hose. Pesticides (28-oz product containers) must be ordered separately.	67184	D	90.10	EA	A,N,F,M
01-332-8746	Gauge, Sprayer, Pesticide. Part Number 803-311, For retrofitting pressure gage on one and two-gallon compressed air sprayers listed above.	29670	D	7.90	EA	A,N,F,M
4330-01-332-1639	Fluid Filter, Gauge, Pesticide Sprayer. Part Number 146-605. For retrofitting pressure gauge NSN (listed above) to one and two gallon compressed air sprayers listed above. S9C	29670	D	3.11	EA	A,N,F,M

2. Duster, Pesticide, Manually Carried. Pest Control Equipment which disperses pesticide dust formulations via manually operated bellows, sifters or fans.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-132-5935	Duster, Manually Carried, 5-10 lb. tank capacity. FEDSPEC RR-D-780C. Manually operated rotary fan type; accessories include one straight discharge nozzle, two non-flexible straight extension tubes (14" long) and one curved non-flexible tube (10" long). Flow rate - 10-50 lbs./hr, and wt 8 lbs. Used to treat rodent burrows for ectoparasite control.	81348	Z	147.20	EA	A,N,F,M
00-132-5936	Duster, Manually Carried, Tubular Pump, 1lb tank capacity. CID A-A-55555. Designed to apply dusts for spot treatment indoors and outdoors. Flow rate - 10-50 lb./hr, and wt 2.03 lbs. May be used to apply pesticides and rodenticides in rodent burrows.	58536	D	31.95	EA	A,N,F,M
01-441-5250	Centro Bulb Duster, bulb duster, Part Number 27920 and 28140, consists of one 14oz bulb duster, with a straight metal nozzle, a 2 inch curved tip nozzle and a 12 inch extension with coupling.	9L921	J	31.04	KT	A,N,F,M

3. Sprayer and Duster, Pesticide, Manually Carried, Backpack. Designed to discharge either liquid or solid pesticides, under pressure, dispersed by means of a blower. Liquid particle discharge size is 50 to 100 microns. Tank/hopper size is variable.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-463-0147	Sprayer-Duster, Pesticide, Backpack, STIHL Model SR400, gasoline engine driven, includes, granular spreader, ULV nozzle, and field parts kit. Tank size – 3.5 gal., 24.6" high X 18.9" wide X 11" deep, 24 lbs empty wt.	9Z575	D	570.32	EA	A,N,F,M
01-157-4000	Sprayer-Duster, Pesticide, Backpack, Solo Model 423, gasoline engine driven, 5 horsepower, 1.6 quart fuel tank, includes dusting attachment and set of dosage pieces, three gallon pesticide tank. Discharges mist 33 ft horizontally, and 25 ft vertically. 27" high X 18" wide X 12" deep weighs 25 lbs. empty. Note: Echo Model DM9, formerly listed under this NSN is no longer available for procurement.	8T480	D	585.06	EA	A,N,F,M

4. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide, pushcart Mounted. A portable or push cart mounted Unit designed to disperse liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-019-4557	Sprayer, Pesticide, Pushcart Mounted, electric motor driven, 120V AC, Model Space III or CID A-A-52286 primarily used to control stored product pests. Mist, fine spray output – 0.5 to 3.5 oz per min, 5-gallon pesticide tank, operating pressure 4 PSIG, wt 176 lbs., shipping wt. 310 lbs.	58536	Z	4919.62	EA	A,N,F,M

5. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide. A skid or frame mounted unit designed to disperse

Liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-772-0090	Sprayer, Pesticide, Frame Mounted, mist and solid stream, gasoline engine driven, MIL-S-12511, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose (0.375 inch internal diameter, and oil resistant), 5 horsepower engine, piston driven pump, 3GPM discharge rate, pressure gage, spray gun, discharge control valve, and two discharge hoses included. Pesticide tank not included.	82554	W	2307.62	EA	A,F
00-916-6462	Sprayer, Pesticide, Frame Mounted, mist and solid stream, gasoline engine driven, Part No, 47500, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose (0.375 inch internal diameter, and oil resistant), 1.5 horsepower engine, piston driven pump, 3GPM discharge rate, pressure gage, spray gun, discharge control valve, and two discharge hoses included. Pesticide tank not included.	82554	C	2307.62	EA	A,F
00-993-4000	Sprayer, Pesticide, Frame Mounted, mist and solid stream, Part No CSR47500A, 42" lg. X 26" wi X 30" hi, wt 174 lbs., 50 ft hose, (0.375 inch internal diameter, and non-oil resistant), 4.0 horsepower engine, piston driven pump, pressure gage, spray gun, discharge control valve, and one discharge hoses included. 3 GPM discharge rate. Pesticide tank not included.	82254 81349	C	2307.62	EA	A
01-053-0127	Sprayer, Pesticide, Skid Mounted. FMC Model DM10E200SRK, Part No. 5268191. Modular constructed sprayer with a 200-gallon tank.	50492	J	7726.07	EA	A
01-211-7226	Sprayer, Pesticide, Frame, Mounted, gasoline engine driven, MIL-S-12511, Pumping Systems, Columbia MD, Part Number P604S, 51" X 15" X 19", wt 100 lbs. Flow rate – 3GPM at 300 PSI operating pressure. Pesticide tank not included.	81349	C	995.00	EA	A
01-454-1981	Pesticide Sprayer, Electric, Liquid (SPEL), AG 25 Sprayer, battery/electric, solid stream sprayer, 25 gal plastic tank, 15 ft hose, .0375 in inside diameter hose, wt. 25.6 lbs., L 29 1/2" x W 20" x Ht16."	03JL1	J	308.00	EA	A,N,F,M

6. Sprayer, Hydraulic or Electric, Mist or Solid Stream, Pesticide, Trailer Mounted. A trailer mounted unit designed to

Disperse liquid pesticides as mists (50 to 100 microns) and solid streams by means of a gasoline engine driven or electrically driven pump.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-166-2910	Sprayer, Roto Mist, Fine Spray, 4 Wheel Trailer Mounted, FMC Model 303T, blower diameter 40 inches, air volume 60000 CFM, air volume 95 MPH, blower rpm 2200, pump capacity 20 GPM, pump pressure 0-400 lbs., 300 gallon tank.	06350	L	8430.00	EA	A,F
00-901-0720	Sprayer and Duster, Pesticide, Trailer Mounted, gasoline engine driven, MIL-S-23923D, Type A, 10 gallons or 100 lb. tank capacity, 10 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist sprayer, 10000 CFM discharge rate at 150 MPH.	81349	J	18128.40	EA	A,N,F
00-925-9594	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, MIL-S-82068, size B, 500 gallon tank, flow rate - 25 GPM at 700 PSI, 168" X 75" X 80", wt 1800 lbs., 18 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist and solid stream, piston pump, includes 2 spray guns, 200 feet of 0.50 inch diameter, abrasion and weather resistant hose.	81349	J	17068.86	EA	A,N,F
00-925-9598	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, MIL-S-82068C, size C, 200 gal steel tank, 5.75 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist and solid stream, 1 discharge nozzle, piston pump, flow rate – 10 GPM discharge rate at 425 PSI, 100 foot 0.50 inch inside diameter, abrasion and weather resistant hose.	81349	J	9266.76	EA	A,N,F
01-026-9162	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, Smithco Part No 7830-MH, 200 gallon, fiber glass tank, wt 825 lbs. Flow rate - 10 GPM at 425 psi, 5.75 horsepower, 2 wheel, pneumatic, rubber tire trailer, mist and solid stream, piston pump, 100 foot, 0.05 inch inside diameter, abrasion and weather resistant hose.	61684	Z	3882.87	EA	A,F
01-413-9095	Sprayer, Pesticide, Trailer Mounted, gasoline engine driven, FIMCO Part No TTS250, 200 gallon polyethylene tank, flow rate - 16 to18 GPM at 30 to50 PSI,	1B437	J	3351.55	EA	A,N,F

	5 horsepower, 8 roller pump, 2 wheel, pneumatic tire trailer, 100 foot hose, high pressure, 3/8" inside diameter hose and Model 43H, trigger, aluminum handgun.					
--	---	--	--	--	--	--

7. Sprayer, Pesticide, Fog/Aerosol Generator (ULV/ULD), Manually Carried. A manually carried unit designed to disperse liquid pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-818-6648	Fog Generator, Manually Carried, gasoline engine driven, thermal fog, Curtis Dyna Model 2610 Golden Eagle. Provides indoor/outdoor thermal fog for mosquito and fly control, 52" X 9.5" X 25.5", wt 19 lbs., 1 gallon pesticide tank. Flow rate - 5 GPH at 6 psi, adjustable shoulder strap included.	82254	Z	1034.78	EA	A
01-206-9636	Sprayer, Manually Carried, DC (rechargeable battery), Ulva Fan, Dram Model MK2, Ultra Low Volume. Flow rate - 60 ml/min at 3 PSIG, 0.5-liter plastic pesticide reservoir, and wt 3.25 lbs. with out battery.	0C9M7	D	373.44	EA	A,N,F,M
01-456-2625	Fogger, Hand Held, gasoline engine driven, ULV, London Fog Eliminator, PN# 8100, 25" long X 20 1/2" high X 10 1/2" wide, 24 lbs. empty wt. Normal dry fog rate is 5-6 gph.	56215	J	1045.00	EA	A,N,F,M
01-456-2622	Fogger, Hand Held, gasoline engine driven, ULV, London Aire Colt. PN# 8675, 14" long X 11" wide X 12" high, 19 lbs. empty wt. Flow rate - 0-4 oz per minute.	56215	J	1495.00	EA	A,N,F,M
01-456-2623	Fogger, Hand Held, gasoline engine driven, ULV, Clarke P-1, PN# L7800-001, 17 lbs. empty wt.	65183	J	1400.00	EA	A,N,F,M

8. Sprayer, Pesticide, Fog/Aerosol Generator (ULV/ULD), pushcart Mounted. A push cart mounted unit designed to disperse liquid pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-019-4557	Sprayer, Pesticide, Pushcart Mounted, CID A-A-5286, Micro-Gen Model SpaceIII, electric powered, 120 volt, 60 Hz, 3 phase motor, 1 horsepower, 4 wheel hand pushed, 48" X 24" X 42", 5 gallon tank, wt 176 lbs.	58536 52987	Z	4919.62	EA	A,N,F,M
01-118-5962	Aerosol Generator, Pesticide, Pushcart Mounted, Model QA1052, gasoline engine driven, 1 quart tank, flow rate - 0.5 to 5 oz per minute, 36" X 24" X 36", wt 60 lbs.	19207	L	5400.00	EA	A

9. Sprayer, pesticide, fog/aerosol generator (ULV/ULD), skid mounted. A skid mounted unit designed to disperse liquid pesticides under pressure by means of gasoline engine driven or electrically driven pump and/or blower. Generates liquid particles in the size range of 0.1 to 50 microns. Excludes sprayers having a dust dispersal attachment. May have a combustion chamber for heating air.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-375-9154	Fog Generator, Skid Mounted, gasoline engine driven, Grizzly PDS, 53" lg. X 31" wi X 37" ht, wt 456 lb. empty, 18 horsepower engine, positive displacement blower w/6 psi max pressure, 5 gallon polystyrene pesticide tank.	24885	J	2490.24	EA	A,N,F,M
01-206-9635	Sprayer, Pesticide, Skid Mounted, Beecomist Model Pro Mist 15MP, ULV, DC driven, wt 95 lb., includes vehicle wiring installation kit (PN A4006), vinyl cover (PN AE550), and 12 volt battery.	65387	D	8042.18	EA	N,F,M

01-445-8380	AGULVE, Sprayer, Pesticide, Skid Mounted, Beecomist Model Pro Mist 15MP with an aluminum frame, ULV, DC driven, wt 95 lb., includes vehicle wiring installation kit (PN A4006), and repair parts kit (PN A0532.2)	19204&65387	J	7638.00	EA	A,N,F,M
01-141-2557	Aerosol Generator, Pesticide Skid Mounted, Curtis Dyna Model 2740 Series II, 15 gallon tank, 48" X 41" X 35", wt 495 lbs.	82254	D	4943.06	EA	A,F,M

10. Sprayer, Pesticide, Aerial Application Unit, Liquid or Dry Pesticide. Designed for use with rotary wing aircraft. Units

May be electric or gasoline engine driven and internally or externally mounted. Units may be equipped with booms.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-206-9614	Dispersal Unit, Insecticide, Model PAU-9/A. Unit is currently restricted to internal mounting in a UH1H helicopter airframe.	65388	X	18122.90	EA	N
01-262-8707	Pesticide Dispersal Unit (PDU), Multicapacity, Part No 96800, helicopter slung, low volume liquid spray system, ULV Spray System and Solid (Granular) Dispersal System, 150 gallon tank capacity.	52905	J	87298.94	EA	A

11. Trap, Insect, to include light traps and insect bait boxes.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-134-9229	Trap, Insect, Portable, Battery Operated, Hausherr's Model CDC, battery operated, cylindrical, w/14.5 inch diameter aluminum cover.	30286	L	82.93	EA	A,N,F
00-607-0337	Trap, Mosquito Light, New Jersey. Used to collect mosquitoes where 110Volt-power source is available. 14" X 9.5", wt 9.5 lbs., weatherproof time clock included.	30286	D	255.60	EA	A,N,F,M
01-106-0091	Trap, Solid State Army Miniature (SSAM), Hock Model O-341. Used for mosquito surveillance, portable powered by either D cell or rechargeable 6-volt gel cell batteries. Wt 3 lbs. w/o batteries. For D-cell non-rechargeable alkaline batteries, order 6135-00-835-7210 or 6135-00-930-0030. For gel-cell rechargeable batteries, order 6140-00-432-0490. For a battery charger to recharge gel-cell batteries order 6130-00-629-7396.	6T654	L	116.39	EA	A,N,F,M

12. Trap, animal. A device snap/set/glue used to capture animals.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-177-1892	Trap, Gopher, Portable. McCabe – Gopher Trap, 6" overall length, wt 3 oz.	51374	L		EA	F
00-252-3384	Mouse Trap, Spring, Model CANTMISS OR GGG-M-550, WD base, w/4 way release, 4" X 2" X 0.5."	98878	G	5.23	DZ	A,N,F,M
00-260-1398	Rat Trap, Spring, CAN'T MISS RATTRAP, 7" x 3" x 0.5."	98878	G	16.99	DZ	A,N,F,M
00-260-1401	Trap, Cage, Animal, Portable, Collapsible, Part No, 206, 27" X 9" X 9", wt. 7 lbs.	23907	L	-----	EA	A
01-095-1738	Trap, Cage, Animal, Woodstream Model 1045, galvanized steel, 36" X 11" X 11", wt 16.5 lbs.	84155	D	61.59	EA	F,N
01-096-1632	Trap, Insect, Sticky Trap, Roach, .box of 24 traps, 5" X 3.5" X 2,"		D	64.71	BX	A,N,F,M
01-240-6170	Trap, Rodent, Glue, Woodstream Model M-319 (Holdfast), 9" X 9" X 4", wt 1 lb., 24 traps per box.	84155	D	21.76	BX	A,N,F,M
01-371-6770	Mousetrap, Spring, Part No 81820, expanded trigger.	40850	D	14.27	EA	F
01-412-9363	Indoor Fly Catcher Traps, Part number 445 or M500, cylindrical sticky fly trap, 12 per box.	27633 84155	H	43.07	BX	A,F
01-412-9371	Insect FlyCatcher, Part Number M510, 144 sticky paper strip rolls per box.	84155	H	153.08	BX	A,N,M
01-420-9038	Insecticide, Glue, Part Number 101, four 1 gal containers per box. Used to rodent glue boards.	27633	D	139.18	BX	A,N,F,M
01-423-2471	Pole, Animal Restraint, Part No 81506,	7D560	Z	124.96	EA	A,N,F,M

01-431-1186	Trap, Rodent, Mechanical, Aluminum, Sherman Model LFAHD, Box of 30 traps with 5 spare curved wires and 5 spare straight wires for linking sides and bases.	0TT47	L	418.15	BX	A,N,F,M
-------------	--	-------	---	--------	----	---------

13. Rodent Bait Stations. Tamper proof devices used to hold rodent bait.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-423-0737	Container, Rodent Bait, Plastic, Tamper Proof, capable of dispensing solid or granular bait, Part No 05830, 6 bait stations per box.	9L921	Z	72.33	BX	A,N,F,M

14. Spreader, Granular. A manually-carried or push cart/trailer-mounted unit designed to disperse granular pesticides, Fertilizers, and seeds.

NSN 3750-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-903-3734	Spreader, Loose Material, Manual, Rotating Disc, Model Cyclone 4T06-6T08, 8' maximum spread path width. 40" X 20" X 20", weight 140 lbs.	18654	L	22.46	EA	A,F
00-929-5120	Spreader, Loose Material, Manual, Gravity spread, Part No 603, 3' maximum spread path width. 43" X 25" X 12", wt 123 lbs.	25616	L	—	EA	F
00-965-0043	Spreader, Loose Material, Towed, Rotating Disc, Part No 111, 56' maximum spread path width.	00229	V	685.00	EA	F
00-729-6897	Spreader, Loose Material, Manual, Hand Crank, Rotating Disc, Part No PCB or 75, 12' maximum spread path width, 10.5" X 9", wt 5.5 lbs.	84945 86951	I	127.40	EA	A,F
00-269-6028	Spreader, Loose Material, Manual, Gravity spread, Rotating Disc, Model Gandy Line Tender 901-3JRKL, 1.75' maximum spread path width. 36" X 36" X 42", wt 124 lbs.	89055	L	—	EA	F

15. Pheromone Traps stored products. Includes traps, pheromones and accessories used to monitor stored product pests.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-414-8117		02RG7	J	22.15	KT	A,N,F,M
01-414-8118		02RG7	J	67.58	BG	A,N,F,M
01-414-8123		02RG7	J	66.43	BG	A,N,F,M
01-414-8124		02RG7	J	50.00	BG	A,N,F,M
01-414-9391		02RG7	J	25.56	KT	A,N,F,M
01-414-9393		02RG7	J	30.48	KT	A,N,F,M
01-414-9395		02RG7	J	25.06	KT	A,N,F,M
01-414-9397		02RG7	J	67.75	BG	A,N,F,M
01-414-9399		02RG7	J	61.01	BG	A,N,F,M
01-418-5107		02RG7	J	191.06	BX	A,N,F
01-418-5110		02RG7	J	50.77	BX	A,N,F
01-418-1927		1H3E7	H	152.25	BX	A,N,F,M
01-418-1929		1H3E7	H	30.00	BG	A,N,F

16. Bird Pest Management Devices.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-076-3541	Gun, Scareaway, Zonmark II. Used to scare birds and other pests away from	5G078	L	-----	EA	F

	specific areas. Powered by propane gas (propane tank not included), 36" X 12" X 7," wt 20 lbs.					
01-037-9325	Gun Scareaway, Dana Model AO-86M-3. Used to scare birds and other pests away from specific areas. Powered by propane gas (propane tank not included) , 36" X 12" X 8," wt 30 lbs.	55726	J	315.35	EA	F

17. Miscellaneous.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
00-252-3383	Swatter, Fly, Model Plasti-Swat 51, 18"lg X 4"w X 0.5," wt 5 oz., 12 per package.	54749	G	2.94	PG	A,N,F,M
01-210-2368	Aspirator, 1.5v (2 -D Cell battery) powered, &" X 3.5" X 2," wt 8 oz w/o batteries.	30286	L	-----	EA	A,N,F,M
01-454-1982	Stake, Flag, Orange, P/N 101066, 2 ½" X 3 ½" Orange vinyl flag, 30" wire length.	51985	J	9.62	PG	A,N,F,M
01-454-1984	Holder, Carrier, Stake, Flag, P/N 101124, heavy-duty green, cotton duct shoulder bag with shoulder strap.	51985	J	7.75	EA	A,N,F,M
01-454-1987	Scales, Spring, Pesola, 100 gram, PN# 277502, 22 cm long X 5-cm wide w/internal spring, 0.3 lb.	51985	J	39.95	EA	A,N,F,M
01-454-1989	Scales, Spring, Pesola, 500 gram, PN# 277506, 28 cm long X 5 cm wide w/internal spring, 0.3 lb.	51985	J	39.95	EA	A,N,F,M
01-454-2256	Aspirator, Oral, Entomology Specimen Collection, WHO aspirator, Straight Plexiglas 10 " tube, plastic coupler w/nylon screen, 2 ft rubber tube w/mouthpiece.	13873	J	3.50	EA	A,N,F,M
01-454-2344	Point Punch, Entomology Specimen, 6" long X ¾" high X 3" wide, metal punch with spring expanded handle, wt. 0.4 lbs.	59590	J	33.50	EA	A,N,F,M
01-454-2345	Breeder, Mosquito, 8 ¾" high X 4 7/8" diameter, consists of two clear quart sized containers, a plastic lid between two sections contains a vinyl funnel through which the emerging adult mosquitoes fly into the upper section.	59590	J	11.35	EA	A,N,F,M
01-454-2348	Tray, Mosquito Larval Sorter, bright white polyethylene tray, 10" wide X 13 ½" long X 1 ¼" deep.	59590	J	9.50	EA	A,N,F,M
01-454-2354	Vials, Collection, Entomology Specimen, 6-dram w/polyseal cap, 23-mm diameter, and 85-mm length.	59590	J	9.46	DZ	A,N,F,M
01-456-2530	Block, Insect Pinning, 1" wide X 3" long, cut to three levels, provides correct label and specimen height on insect pins.	59590	J	1.75	EA	A,N,F,M
6530 01-451-5144	Light, UV, Hand Held, w/replacement bulb (NSN 6210-01-449-3170). 2" X 4" X 8" plastic lamp w/ wrist strap, operates with 4AA batteries, wt. 1.5 lbs.	0USV5	L	----	EA	A,N,F,M

18. Sets and Kits.

NSN	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
3740-00-952-2180	Trap, Rodent. Model 9-552-180, 18" X 15" X 15", wt 40 lbs.		D	306.07	SE	A,N,F,M
3740-00-148-7639	Insect Control Set, Part No. MC06250.7. C/O dusters, insecticides, protective clothing and related equipment identified in Marine Corps Stock List SI-3-07705A.	80372	D	3388.35	SE	M
6545-00-952-2175	Rodent Survey Kit, Used to survey for rodents. 30" X 25" X 20", wt 170 lbs.		X	2241.77	SE	A,N,F,M
6545-00-952-2178	Rodent Survey Kit. Used to survey for rodents. 30" X 18" X 16", wt 118 lbs.		D	1962.70	SE	A,N,F,M
6545-00-982-4121	Entomological Collecting Kit, Field, 30" X 24" X 15", wt 90 lbs.		D	5120.13	EA	A,N,F

19. Personal Protection Materiel.

NSN	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
7210-00-266-9736	Insect Net Protector, Field Type, MIL -I-10901, 200" X 68", wt 1lb. Used to protect personnel from insects while sleeping. Mildew resistant nylon fabric.	81349	D	26.20	EA	A,N,F,M
7210-	Pole, Folding Cot, Insect Net Protector. Four 30" X 1" wood poles, wt 1 lb.,	81349	D	3.85	SE	A,N,F,M

00-267-5641	used to suspend Insect Net protector, Field Type (listed above) from military cots. MIL-P-17662.					
7210-00-300-6950	Clamp, Insect Net Protector Rod. Used to Attach Insect Bar, Rod s (listed below) to military cots. CID A-A-55099. Requires to clamps to attach Rods and erect the Insect Net Protector.	58536	D	2.55	EA	A,N,F
7210-00-359-4850	Rod, Insect Net Protector. Two T-shaped metal rods, used to suspend the Insect Bar, Field Type. Rods may be pushed into the ground. Rods do not fit into military cots, use Insect Bar, Clamp (listed above). CID A-A-55099. Two Rods, Insect Net Protector are required to erect an Insect Net Protector.	58536	D	6.20	EA	A,N,F
7210-01-364-2198	Insect Net Protector, MIL-I-82265COT, Includes 7210-00-266-9740 Insect Net Protector 1; 7210-00-2667-5641, Pole, Folding Cot Insect Net Protector.	81349	V	21.00	KT	
7210-01-364-2197	Insect Net Protector, MIL-I-10901FIELD. Includes 7210-00-266-9763, Insect Net Protector1, 7210-00-359-4850, Rod, Insect Net Protector, 7210-00-300-6950, Clamp, Insect Net Protector.	81349	V	25.00	KT	
7210-00-266-9740	Insect Net Protector 1, MIL-I-82265, 27" X77.5," Used to protect personnel from insects while sleeping, for use with military cots.	81349	D	25.15	EA	N
8415-00-935-3130	Insect Bar, Head Net. Used to protect head and neck from mosquitoes. 30" X 20," wt 1 lb. MIL-I-11489.	81349	D	4.95	EA	A,N,F,M
8415-00-935-2914	Insect Net, Hat. CID A-A-43746. Nylon Netting, AG323, Elastic Headwear Attachment.	58536	D	0.35	EA	A,N,F
8415-01-192-2357	Insect Net, Mittens. MIL-S-37205. Head and hand covering; nylon; black; packaged in heat-sealed, waterproof bag. A component of Survival Kit, Individual, NSN 6545-00-139-3671, but may be ordered separately.	0XU64	L	-----	EA	A,N,F
8415-01-035-0846	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Small. Wt 1 lb., MIL-J-87024.	81349	D	15.95	EA	N,F,M
8415-01-035-0847	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Medium, Wt 1 lb.	81349	D	15.95	EA	N,F,M
8415-01-035-0848	Parka, Insect Repellent. Issued with a two oz tube of 75% DEET Repellent, NSN 6840-00-753-4963, Size - Large, Wt. 1 lb.	81349	D	15.95	EA	N,F,M

20. Devices for Electrocution of Flying Insects, Reference Armed Forces Pest Management Board Technical Information Memorandum (TIM) No. 25, August 1988, for information on appropriate uses. See paragraph F.3, below to obtain either electronic or hard copies of TIM 25.

NSN 3740-	Item (Alternate Trade Name)	Cage Code	AAC *	Price	U/I	Users+
01-286-2361	Wall Mount, 80W, Type I and Class A, PN # CID	58536	D	220.75	EA	A,N,F,M
01-286-2362	Wall Mount, 40W, Type I and Class B	58536	D	170.68	EA	A,N,F,M
01-286-2363	Ceiling Mount, 80W, Type II and Class A	58536	Z	259.52	EA	A,N,F,M
01-286-2364	Corner Mount, 80W, Type III and Class A	58536	Z	234.50	EA	A,N,F,M
01-287-1036	Ceiling Mount, 40W, Type II and Class B	58536	J	340.79	EA	A,N,F,M

B. Emergency Procurement of Pesticides and Pest Management Equipment.

*ACQUISITION ADVICE CODES (ACC)

Code D. DoD INTEGRATED MATERIAL MANAGER (IMM) STOCKED, AND ISSUED. Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Integrated Material Manager/Military Service supply policy.

1. The item is centrally managed, stocked, and issued.
2. Requisitions will be submitted in accordance with Military Service requisitioning procedures.

Code H. CENTRAL CONTRACT - NOT STOCKED ITEM. Direct delivery under central contract # (non-stocked items) issue, transfer, or shipment is not subject to specialized controls other than those imposed by IMM/Service/Agency supply policy.

1. The item is centrally managed and procured.
2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders for quantities less than the vendor's minimum order of quantity may be issued from stock by ICP or IMM supply distribution facilities.
3. Requisitions and fund citations will be submitted in accordance with IMM/Service/Agency requisitioning procedures.
4. Generally, delivery will be made within applicable Service/Agency guidelines addressing customer required delivery time frame.

Code J. NOT STOCKED, CONTROLLED PROCURED. Identifies IMM/Military Service centrally managed but not stocked items. Long lead times must be anticipated, since procurement will be initiated only after receipt of a requisition. Requisitions will be submitted in accordance with IMM/Military Service requisitioning procedures.

Code L. LOCAL PURCHASE. IMM/Military Service managed items authorized for local purchase, as a normal means of support, by the Military Service, or base, post, camp, or station level. Items not stocked in wholesale distribution system of IMM/Military Service ICP. The local purchase forms authorized by the individual IMM/Military Service must be used. NOTE: GSA FSS items are included.

C. Emergency Requisition Procedures.

1. Deploying and/or deployed forces often need pesticides and pest management equipment on short notice. The Defense Logistics Agency has established Emergency Supply Operations Centers (ESOCs) to help meet these needs.

2. For emergency procurement of pesticides, including repellents and pest management equipment, including pesticide application equipment: Contact the Defense Supply Center Richmond (DSCR) Emergency Supply Operations Center (ESOC) at DSN 695-4865 [commercial (804) 279-4865]. This ESOC is staffed 24 hours, 7 days per week.

3. For technical logistical inquiries, contact the DSCR Chemist at DSN 695-3995 or commercial at (804) 279-3995 during normal duty hours (0730-1600 hrs eastern standard time) or via pager number 1-888-824-4030, which is available 24 hours, 7 days per week.

4. For personal protection equipment (respirators, bednets, head nets, etc.): Contact the Defense Supply Center Philadelphia ESOC Customer Assistance Branch at DSN 444-3042/3043

or Commercial at (215) 737-3041. The Philadelphia ESOC is staffed 0630-1700 hours Monday through Friday, eastern standard time.

F. Armed Forces Pest Management Board (AFPMB) Technical Information Memorandum (TIM) 24, “Contingency Pest Management Pocket Guide”

1. This TIM is intended for field use during exercises and contingency operations by deployed forces. The purpose of TIM 24 is to provide basic information on using pesticides and pest management equipment to control disease vectors and pests during field situations worldwide.

2. Most of the pesticide dispersal equipment listed in paragraph C., above, should only be used by personnel (I.e. preventive medicine or installation pest control personnel) who have been formally trained and certified in accordance with DoD 4150.7-P, “The DoD Plan for the Certification of Pesticide Applicators, September 30, 1996 or DoD 4150.7-M, “DoD Pest Management Training and Certification, April 24, 1997. All other personnel should not procure or use pesticide dispersal equipment unless specifically authorized by Service instructions, regulations, or directives.

3. You may obtain copies of TIM 24 and other AFPMB publications by writing to: The AFPMB, ATTN: Contingency Liaison Officer, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or calling DSN 295-7476 or commercial (301) 295-7476. You may electronically access AFPMB publications via the AFPMB Home Page: <http://www-afpmb.acq.osd.mil>

G. List Maintenance.

This list is published by the Armed Forces Pest Management Board to provide current information to the DoD Pest Management Community. Comments and questions are welcome. Please sent them to: Armed Forces Pest Management Board, Equipment Committee, ATTN: Contingency Liaison Officer, Forest Glen Section, WRAMC, Washington, DC 20307-5001, or phone Commercial (301) 295-7476, or DSN 295-7476, or FAX Commercial (301) 295-7476.

DOD PESTICIDE HOTLINE

US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE
ATTN: MCHB-TS-OEN
ABERDEEN PROVING GROUND, MD 21010-5403

DSN 584-3773
Commercial (410) 436-3773
FAX (410) 436-2037

INFORMATION REQUEST FORM

Please mark the items you wish to receive and fill out the information at the end of the form. Then, mail or FAX this page to us and we will promptly send you the information.

INFORMATION LISTED IN THIS ISSUE

- ? Request cancellation of Bulletin hard copy – will access the Bulletin via the WWW
- ? Request receipt of the Bulletin by E-mail. My E-mail address is:

? Microsoft Word for Office 97 format

? Microsoft Word for Office 95 format

? Word Perfect 6.0 or lower format

? Text format with all graphics stripped to be sent by e-mail.

AEHA/CHPPM TECHNICAL GUIDES AVAILABLE

- ? USACHPPM Technical Guide No. 103, *Prevention and Control of Plague*, September 1995
- ? USAEHA Technical Guide No. 138, *Guide to Commensal Rodent Control*, December 1991
- ? USAEHA Technical Guide No. 142, *Managing Health Hazards Associated With Bird and Bat Excrement*, December 1992
- ? USAEHA Technical Guide No. 196, *Guide to Poisonous and Toxic Plants*, July 1994
- ? USACHPPM Technical Guide No. 208, *Procedures for Thermal Control of Cockroaches in Army Food Service Facilities*, January 1997

PEST MANAGEMENT FACT SHEETS

- ? Just the Facts, ...*On Spiders*
- ? Just the Facts, *Cockroach Control*
- ? Just the Facts, *Ticks and Tick-borne Diseases*
- ? Just the Facts, *Human Ehrlichiosis*
- ? Just the Facts, ...*About Head Lice*
- ? Just the Facts, *Interim Recommendations for Reducing Risk of Hantavirus Infection*
- ? Just the Facts, *How to Protect Your Home, Pet and Family from Hantavirus Infection*
- ? Just the Facts, *Pesticides and Child Safety*
- ? Just the Facts, *Why Mosquitoes Cannot Transmit AIDS*

OTHER DOCUMENTS

- ? *Getting Rid of Roaches*, USACHPPM, June 1993

PLEASE COMPLETE THE FOLLOWING

NAME:

ADDRESS:

PHONE:

DSN _____

COMMERCIAL _____

FAX NO: (Commercial Please) _____

E-MAIL ADDRESS: _____